

Pre Calculus Honors
2.7 Classwork

Name:
Date:

$$1) \frac{2x+8}{x^2} + \frac{1}{x^2} = \frac{5x-30}{2x^2}$$

$$2) \frac{x-2}{x^2} = \frac{1}{x^2} - \frac{1}{x}$$

$$3) \frac{3}{n+5} = \frac{1}{n+5} - \frac{1}{n-2}$$

$$4) \frac{1}{3k+5} = \frac{1}{k+5} - \frac{k-1}{3k^2+20k+25}$$

$$5) \frac{p^2+p-2}{p^2+9p+20} - \frac{p-5}{p+4} = \frac{3}{p+5}$$

$$6) \frac{1}{x+2} + \frac{x+2}{x} = \frac{2x+8}{x^2+2x}$$